

## **CLAIMS**

The invention claimed is:

1. A system for locating a golf ball on a golf course by a golfer using a golf cart, wherein the golf course has fixed objects with locations and a base computer that reads and triangulates the locations of the fixed objects via a GPS, and wherein the golf cart has a location and a portable computer that is linked by radio communication to the base computer, is in communication with the GPS, and has a display that displays the locations of the fixed objects from the base computer, so as to allow the base computer to determine the location of the golf cart relative to the locations of the fixed objects already determined and relay the location of the golf cart back to the portable computer that displays to the golfer on the display the location of the golf cart relative to the fixed objects already displayed thereon, said system comprising:
  - a) a signal generator for operatively connecting to the portable computer, and generating a first signal when activated; and
  - b) a microchip disposed in the golf ball and receiving said first signal from said signal generator and generating a second signal in response thereto for receiving by the

1 base computer which triangulates the location of the golf  
2 ball off the locations of the fixed objects and generates  
3 a third signal in response thereto for receiving by the  
4 portable computer which displays on the display thereof  
5 the location of the golf ball relative to the location of  
6 the golf cart already displayed on the display thereof so  
7 as to allow the golfer to locate the golf ball.

- 8 2. The system as defined in claim 1; further comprising an  
9 amplifier for operatively connecting to the portable computer,  
10 and receiving and amplifying said second signal from said  
11 microchip for receiving by the base computer.
- 12 3. An improved sealed golf ball of the type having a shock  
13 absorber contained in the golf ball, a coil-shaped miniature  
14 receiver antenna contained in the golf ball and receiving a  
15 first signal, a miniature wireless receiver contained in the  
16 golf ball, being in electrical communication with, and  
17 receiving the first signal from, the coil-shaped miniature  
18 receiver antenna, and generating a second signal in response  
19 thereto, an audible acoustic generator contained in the golf  
20 ball, being in electrical communication with the miniature  
21 wireless receiver, receiving the second signal from the  
22 miniature wireless receiver, and generating a series of  
23 audible beeps through the golf ball and out into the ambient

1 for hearing by a person seeking the golf ball, a rechargeable  
2 micro-battery contained in the golf ball and being in  
3 electrical communication with, and powering, the miniature  
4 wireless receiver and the audible acoustic generator, a  
5 transmitter housing for carrying by the person seeking to  
6 locate the golf ball, a wireless transmitter contained in the  
7 transmitter housing and selectively generating the first  
8 signal, a transmitter antenna disposed on the transmitter  
9 housing, being in electrical communication with the wireless  
10 transmitter, and transmitting the first signal, and a switch  
11 disposed on the transmitter housing and being in electrical  
12 communication with the wireless transmitter, and when  
13 activated, causing the wireless transmitter to generate the  
14 first signal, which causes the transmitter antenna to transmit  
15 the first signal which is received by the coil-shaped  
16 miniature receiver antenna, which sends the first signal to  
17 the miniature wireless receiver, which sends the second signal  
18 to the audible acoustic generator, which generates the series  
19 of audible beeps, which provides an audible trail to the golf  
20 ball to be located, said improvement comprising the  
21 transmitter housing, the wireless transmitter, and the  
22 transmitter antenna being a conventional cellular telephone.

- 23 4. The improved sealed golf ball as defined in claim 3, wherein  
24 said improvement further comprises a microchip for being

